INDEX TO VOLUME 56

The asterisk (*) preceding the page number indicates an original article in the Archives. Subject entries are made for all articles. Author entries are made for original articles and society transactions. Book Reviews, Obituaries and Society Transactions are indexed under these headings in their alphabetical order under the letters B, O and S, respectively. respectively.

Abnormalities and Deformities: See Atrophy and under names of diseases, organs and regions, as Heart; Spinal Cord; etc.

Abscess: See under names of organs and regions, as Brain; etc.

Accidents: See Trauma

Acetaldehyde metabolism with acetoin forma-tion, 329 Acetoin: See Acetylmethylcarbinol Acetylcholine: See Choline and Choline De-

rivatives

rivatives

Acetylmethylcarbinol; metabolism of acetaldehyde with acetoin formation, 329

Acid, Ascorbic: See Ascorbic Acid
Cevitamic: See Ascorbic Acid
glutamic, effect on mental functioning in children and adolescents, *489
glutamic; effects of l(+) glutamic acid
and other agents on experimental seizures, *20

Acidosis: histologic study of brain in experi-

Acidosis; histologic study of brain in experi-mentally induced acidosis, *428 Acridine Dyes; toxicity of quinacrine (ata-brine) for central nervous system; ex-perimental study on human subjects, *284 Actinomycin, effects on central nervous system,

Addiction: See Alcoholism; Morphine; etc.
Adenohypophysis: See Pituitary Body
Adolescence, Delinquency: See Delinquency
effect of glutamic acid on mental functioning in children and adolescents. *489
Adrenal Preparations, relative potency of
some adrenal cortical steroids in musclework test, 329
Adrenalectomy: See under Adrenals
Adrenals; adrenalectomy in hypertrichosis
with mental changes, 341
antagonism of pituitary adrenocorticotropic
hormone to action of growth hormone on
osseous system of hypophysectomized rats,
335
changes in electroencephalogram and in ex-

335
changes in electroencephalogram and in excretion of 17-keto steroids accompanying electroshock therapy of agitated depression, 733
diseases; Cushing's syndrome, 336
effects of adrenocorticotropic hormone on

osseous system in normal rats, 335 fatigue in relation to adrenal cortex, 717 hemorrhage; hepatorenal failure in Waterhouse-Friderichsen syndrome, 703
Aeronautics: See Aviation and Aviators
Age; adaptation to anoxia at different levels,

455

Old: See Old Age

Old: See Old Age
Air Pressure: See also Aviation and Aviators
pressure; brain after intermittent exposure
to simulated high altitude, 346
Albumin: See under Cerebrospinal Fluid
Alcohol, Addiction: See Alcoholism
Alcoholism: See also Liver, cirrhosis
amphetamine sulfate in aborting acute alcoholic cycle, 337
histopathology of polioencephalitis hemorrhagica superior (Wernicke's disease).

rhagica *609 disease), superior (Wernicke's

Alkalosis; Cushing's syndrome without adeno-Alkalosis; Cushing's syndrome without adenomatous or hyperplastic changes in pitultary body or adrenal cortices and compilcated by alkalosis; report of case with necropsy, 335

Allergy: See Anaphylaxis and Allergy
Alpers, B. J.: Effects of denervation on fasciculations in human muscle; relation of fibrillations to fasciculations, *276, 598

Altitude; brain after intermittent exposure to simulated high altitude, 346

Alum: See Stains and Staining

simulated high altitude, 346 Alum: See Stains and Staining Amaurosis: See Blindness Amblyopia: See Blindness

Amenorrhea; head trauma causing reactivation of thyrotoxicosis, appearance of diabetes meilitus, amenorrhea and melanoderma, 587
Amentia: See Feeblemindedness; Insanity; Mental Diseases; etc.
American Board of Neurological Surgery, 696
American Board of Psychiatry and Neurology, Inc., 124, 328, 606
American Medical Association, Scientific Exhibit, Atlantic City Session, 696
Ammonia and Ammonium Compounds; histologic study of brain in experimentally induced acidosis, *428
Amphetamine, Therapy: See Alcoholism; etc.
Amputations, refrigeration anesthesia for, 454
Amyotrophy: See Sclerosis, amyotrophic lateral

lateral

lateral
Analgesia: See Anesthesia; Pain
Anaphylaxis and Allergy; vascular changes
in experimental anaphylaxis of brain, 111
Anesthesia: See also under Cold
electroencephalogram of different cortical
regions of normal and anesthetized cats,

regions of normal and anesthetized cats, 699
electronarcosis; clinical comparison with electroshock, 460
narcosynthesis of civilian neurosis, 120
pattern of metabolic depression induced with pentothal sodium, *171
Anesthetics: See Anesthesia
Aneurysm, cerebellar; dyskinetic and alternating sensory syndromes caused by aneurysm in region of pons, 463
cerebral; anatomic defects and pathologic changes in congenital cerebral aneurysms, 585
intracranial, of internal carotid artery, 466

intracranial, of internal carotid artery, 466 Angina, Pseudomenbranous: See Fusospiro-chetosis

Angiography: See Brain, blood supply Angiography: See Brain, blood supply
Angioma; angiomatous malformation of sylvian aqueduct with remarks on management of aqueductal obstructions, 238
Sturge-Weber-Dimitri disease (nevold amentia), 467
Angiospasm: See Brain, blood supply
Anhydrase: See Enzymes
Anomalies: See under names of organs and
regions

regions Anoxia : Sec

See Oxygen, deficiency ics: See also Penicillin; Strepto-

Antibiotics: See also Penicillin; Streptomycin; etc.
effects of antibiotic substances on central
nervous system, *184
Anxiety: See also Neuroses and Psychoneu-

roses
capillaries of nail fold in patients with
neurocirculatory asthenia (effort syndrome, anxiety neurosis), *643
latent, intravenous injection of sodium amytal as test for, *567
Apparatus: See also Instruments
clip-on electrode for use in electroencephalography, *691
electrical resistance of skint offort of the

ography, *691
electrical resistance of skin; effect of size of electrodes, exercise and cutaneous hydration, *544
electronic devices for use in modern neuro-

electronic devices for use in modern neuro-psychiatry, 484
flexible electrode-carrying headgear for electroencephalographic examination, *686
Aqueduct of Sylvius: See under Brain
Arieti, S.: Histopathologic changes in cerebral malaria and their relation to psychotic sequels, *79
Armed Forces Personnel: See Aviation and Aviators; Military Medicine; etc.
Arsenic and Arsenic Compounds, delirium; quantitative electroencephalographic study of case of acute arsenical encephalopathy,

of case of acute arsenical encephalopathy, inhibition of brain respiration by picro-

Inhibition of brain respiration by picro-toxin, 698
permeability of hemoencephalic barrier in massive arsenotherapy, 455
Therapy: See Syphilis
Arteries: See also Aneurysm; Arteriosclerosis; Blood pressure; Periarteritis; Thrombosis; Vasomotor System; etc. Cerebral: See Brain, blood supply

Arteries-Continued

syndrome of posterior inferior cerebellar artery resulting from metastatic neoplasm, 465

artery resulting from metastatic neoplasm, 465
Arterlography: See Brain, blood supply Arterlosclerosis, brain waves and clinical features in arterlosclerotic and senile mental patients, 589
cerebral, morbidity and mortality of patients with psychosis due to, 588
Arteritis: See Perfarteritis
Artificial Fever Therapy: See Dementia Paralytica; Neurosyphilis
Ascorbic Acid, oxidation of phospholiphic catalyzed by iron compounds with, 456
Ashby, M. C.: Primary behavior disorders and psychopathic personality; correlations of electroencephalogram with family history and antecedent illness or injury, *381
Asthenia, neurocirculatory; capillaries of nail fold in patients with neurocirculatory asthenia (effort syndrome, anxiety neurosis), *643
neurocirculatory, Rorschach performance with, 459
Atabrine: See Acridine Dyes
Atherosclerosis: See Arterlosclerosis

Atherosclerosis: See Arteriosclerosis Atmosphere: See Air Atopy: See Anaphylaxis and Allergy

Atrophy: See also under names of organs and regions, as Brain; Cerebellum; Pons

regions, as Brain; Cerebellum; Pons Varolii; etc. Muscular: See also Dystrophy, muscular muscular; effect of galvanic exercise on denervated and reinnervated muscles in rabbit, 223 muscular; poliomyelitis of pseudomyopathic form, 232

form, 232
Aviation and Aviators: See also Air, pressure accidental head injuries; prognosis in service patients, 230
studies on physiology of flight; effect of anoxia on electroencephalogram of psychoneurotic and normal adults, 725
Avitaminosea: See under Vitamins
Awards; Major Harry L. Freeman awarded
Army Commendation Ribbon, 328
Axons: See Neurons

Bacilli: See Bacteria

Bacilli: See Bacteria
Back: See also Camptocormia
anatomic and physiologic considerations prerequisite to diagnosis of back trauma, 710
Backache; present status of surgical treatment
of sciatic and lumbosciatic pain due to
lesions of intervertebral disks, 332
Bacteremia: See Streptococci
Bacteria: See Meningococci; Streptococci; etc.
Diphtheria: See Diphtheria
Influenza: See Influenza
Pneumococci: See Pneumococci
Typhoid Group: See Typhoid
Badal, D. W.: Capillaries of nail fold in
patients with neurocirculatory asthenia
(effort syndrome, anxiety neurosis), *643
Bailey, F. W.: Histopathology of polioencephalitis hemorrhagica superior (Wernicke's
disease), *609

disease), *609 ey, P.: Chronic leptomeningeal thickening disease), *609
Bailey, P.: Chronic leptomeningeal thickening following treatment of meningitis with sulfonamide drugs, 122
Barrera, S. E.: Electric shock therapy of elderly patients, *158
Intravenous injection of sodium amytal as test for latent anxiety, *567
Basophillism (Cushing): See Pituitary Body, tumors

Basophilism tumors
Basophilis: See Pituitary Body
Becker, F. T.: Use of quantitative parasite
inoculation doses in Plasmodium vivax
malaria therapy, *65
malaria therapy, *balography in behavior

Behavior; electroencephalography in behavior problem children, 224
primary behavior disorders and psychopathic personality; correlations of electroencephalogram with family history and antecedent illness or injury, *381
relationship of antisocial traits to electroencephalogram in children with behavior disorders, 589
Bell's Palsy: See Paralysis, facial Bellevue-Wechsler Test: See Mental Tests
Bender, M. B.; Ring scotoma and tubular fields; their significance in cases of head injury, *300
Berger Rhythm: See Brain, electroencephal-

injury, *300 ger Rhythm: See Brain, electroencephalography

Beverages, Alcoholic: See Alcoholism
Bignami-Marchiafava Disease: See Corpus
Callosum
Blank, I. H.: Electrical resistance of skin;
effect of size of electrodes, exercise and
cutaneous hydration, *544
Blindness: See also Vision

Blindness: See also Vision
amblyopia resulting from hemorrhage, 708
Blood, bromine content in mental diseases;
manic-depressive psychosis, *673
Circulation: See also Arteries; Capillaries;
Heart; Vasomotor System; etc.
circulation in denervated digits, 108
fats and lipoids; effect of ingested choline
on turnover of plasma phospholipids, 106
in Cerebrospinal Fluid: See Cerebrospinal
Fluid Fluid

Fluid
permeability of blood-spinal fluid barrier
in infants and in normal and syphilitic
adults, *55
pressure, high; fatal poisoning from potassium thiocyanate used in treatment of
hypertension, 700
Sugar: See also Carbohydrates; Insulin;
etc.

sugar:

resistance to insulin in mentally bed soldiers, *74 : See Arteries; Capillaries; Perisugar; resistance to insulin in mentally disturbed soldiers, *74
Vessels: See Arteries; Capillaries; Periarteritis; Vasomotor System; etc.
Blood-Brain Barrier: See Hemoencephalic

Barrier

Barrier
Body, Mind and Body: See under Mind
Bones: See also under names of bones
Diseases: See Osteomyelitis; etc.
effects of adrenocorticotropic hormone on
osseous system in normal rats, 335
growth; antagonism of pituitary adrenocorticotropic hormone to action of growth
hormone on osseous system of hypophysectomized rats, 335
growth: cleidocranial dysostosis with psy-

growth; cleidocranial dysostosis with psy-chosis, *401
Bonsdorff Phenomenon; neurologic mechanism

for certain phenomena in tetany,

BOOK REVIEWS:

Biology of Schizophrenia; R. G. Hoskins,

487
Diagnosis of Nervous Diseases; J. PurvesStewart, 486
Examining for Aphasia: Manual for Examination of Aphasia and Related Disturbances; J. Eisenson, 244
Experimental Hypertension; W. Goldring
and others, 607
Gliomes infiltrés du tronc cérébral; G. Guillain, I. Bertrand and J. Gruner, 363
Group Psychotherapy: Theory and Practice;
J. W. Klapman, 741
Intelligence and Its Deviations; M. Sherman,
243

Introduction to Physical Anthropology; M. F. A. Montagu. 243

F. A. Montagu, 243 Klinische und erbbiologische Untersuchungen über die Heredoataxien; T. Sjögren, 130

gen uber die Heredoataxien; T. Sjögren, 130
Manual of Diagnosis and Management of Peripheral Nerve Injuries; R. A. Groff and S. J. Houtz, 364
Mental Changes After Excision of Cerebral Tissue: Clinical Study of 16 Cases of Resections in the Parietal, Temporal and Occipital Lobes; G. Rylander, 132
Motor Disorders in Nervous Diseases; E. Herz and T. J. Putnam, 607
Our Inner Conflicts; K. Horney, 486
Principles of Dynamic Psychiatry; J. H. Masserman, 488
Progress in Neurology and Psychiatry: Annual Review; E. A. Spiegel, 741
Psychiatric Novels of Oliver Wendell Holmes; C. P. Oberndorf, 131
Shock Treatments and Other Somatic Procedures in Psychiatry; L. B. Kalinowski and P. H. Hock, 487
What People Are; C. W. Heath and others, 130

130 Bookhammer, R. S.: Drawings of 7 year old child, 115 Borkowski, W. J.: Effects of denervation on

child, 115
Borkowski, W. J.: Effects of denervation on
fasciculations in human muscle; relation
of fibrillations to fasciculations, *276, 598
Boutons: See Nerves, roots
Bowden, K. E. M.: Observations in case of
muscular dystrophy, with reference to
diagnostic significance, *1

d, M. F.: Use of quantitative parasite inoculation doses in Plasmodium vivax malaria therapy, *65 Boyd, M.

Brachium Pontis: See Cerebellum

Brain: See also Cerebellum; Corpus Callosum; rain: See also Cerebellum; Corpus Callosum; Corpus Striatum; Hypothalamus; Lenticular Nucleus; Meninges; Nervous System; Pons Varolii; Thalamus; etc. abscess associated with congenital heart disease, 707
abscess; vital staining of experimental brain abscesses, 596
after intermittent exposure to simulated high altitude. 281

abscesses, 596
after intermittent exposure to simulated high altitude, 346
anglomatous malformation of sylvian aqueduct with remarks on management of aqueductal obstructions, 238
Blood Supply: See also Aneurysm; Arteries; Arteriosclerosis; Hemoencephalic Barrier; Thrombosis; etc.
blood supply; intracranial angiography, 711 blood supply; vascular changes in experimental anaphylaxis of brain, 111
cerebral dysrhythmia and psychopathic personalities; study of 96 consecutive cases in military hospital, *677
cerebral thromboanglitis obliterans, 343

cerebral thromboanglitis obliterans, 343 changes in electroencephalogram and in excretion of 17-keto steroids accompany-ing electroshock therapy of agitated depression, 733 circulation of spinal fluid in Carassius gibello. *522 depression of circulation of thelio. *522

gibelio, *522
clinical and electroencephalographic studies
in obsessive-compulsive states, 113
clinical implications of Bellevue-Wechsler
test with reference to cases of injury to
brain, 714
convulsive feators in compressiel, population

convulsive factor in commercial nvulsive factor in commercial penicillin (following application to cerebral cortex),

cortical areas of albino rat, 739

cortical areas of albino rat, 739
delirium; quantitative electroencephalographic study of case of acute arsenical encephalopathy, *659
Diseases: See also Encephalitis; Insanity;
Mental Diseases; etc.
diseases; cortical deafness, 468
dominant wave frequencies as measures of physicochemical process in cerebral cortex, *207
effect of anoxia as measured with electroeffect of anoxia as measured with electro-

effect of anoxia as measured with electro-encephalogram and interaction chrono-gram in psychoneurotic patients, 724 effect of reduction in numbers of ommatidia on brain of Drosophila melanogaster, 105 electroencephalogram in traumatic epilepsy, 882

electroencephalogram of different cortical regions of normal and anesthetized cats,

electroencephalographic findings during and after acute encephalitis and meningoen-cephalitis, 465

electroencephalographic localization of intra-cranial neoplasms, 582 electroencephalographic studies during fever induced by typhoid vaccine and malaria in patients with neurosyphilis, 223

electroencephalography, clip-on electrode for use in. *691

electroencephalography; dexible electrode-electroencephalography; flexible electrode-carrying headgear for electroencephalo-graphic examination, *686 electroencephalography in behavior problem

children, 224

electroencephalography in cases of subcortical tumor, 581

electroencephalography; nature of transient outbursts in epileptics, 229 electroencephalogram

electroencephalography; relationship of anti-social traits to electroencephalogram in children with behavior disorders, 589

electroencephalography; scope and limita-tions of visual and automatic analysis of electroencephalogram, 583 gross intracerebral hematomas; report of

16 surgically treated cases, 340
Hemorrhage: See Encephalitis, hemorrhagic

histologic study of brain in experimentally induced acidosis, *428

histopathologic changes in cerebral malaria and their relation to psychotic sequels, *79

Brain-Continued

histopathologic study of early case of schizophrenia in which electric shock ther-apy had previously been employed, 354 histopathology of policencephalitis hemor-rhagica superior (Wernicke's disease),

*609

Inflammation: See Encephalitis Injuries: See Head, injuries inhibition of brain respiration by picro-toxin, 698

toxin, 698 coalization of Function: See Brain, diseases; Brain, pathology; Brain, tumors e component of extrapyramidal system.

348
pathology; periarteritis nodosa with decerebrate rigidity and extensive encephalomalacia in 5 year old child, 112
pattern of metabolic depression induced
with pentothal sodium, *171
phenomena of sensory suppression, 481
Physiology: See Brain, electroencephalography

ography

Physiology: See Brain, electroencephalography
post-traumatic epilepsy, 227
power factor (P) in general intelligence;
effects of lesions of brain, 234
Pressure in: See Cranium, pressure in
primary behavior disorders and psychopathic personality, *381
projection of retina on superior colliculus
of cats, 699
reversibility of dilatation of cerebral ventricles, 597
Sclerosis: See Sclerosis
Softening: See Brain, pathology
studies on physiology of flight; effect of
anoxia on electroencephalogram of psychoneurotic and normal adults, 725
surgery; American Board of Neurological

surgery; American Board of Neurological Surgery, 696

surgery, 500
surgery; fibrin foam as hemostatic agent in
neurosurgery, with reference to its comparison with muscle, 340
Syphilis: See Neurosyphilis

tumors; difference in mental reaction between children suffering from cerebral and cerebellar tumors, 589 tumors; future in light of past; presidential

tumors; future in light of past; presidential address, 476 tumors of third ventricle, 710 tumors; Sturge-Weber-Dimitri disease (nevoid amentia), 467 waves and clinical features in arteriosclerotic and senile mental patients, 589 waves and heredity in mental diseases, 589 Brazier, M. A. B.: Effect of anoxia as measured with electroencephalogram and interaction chronogram in psychoneurotic

measured with electroencephalogram and interaction chronogram in psychoneurotic patients, 724

Electromyography in differential diagnosis of ruptured cervical disk, *651

Studies on physiology of flight; effect of anoxia on electroencephalogram of psychoneurotic and normal adults, 725
rill, A. A.: Phyletic manifestations and reversions. 479

Brill, A. A.: Phyletic manifestations and reversions, 479
Broder, S. B.: Acute myelitis; clinicopathologic study of case, 347
Bromine in Blood: See under Blood

Bronson, L. H.: Neurologic disease following infections of throat and skin and inci-dence of diphtheritic infections, *558

P. C.: Diastematomyelia; report of ie, 237 case,

Burgemeister, B. B.: Effect of glutamic acid on mental functioning in children and adolescents, *489 Butler, S.: Intravenous administration of

der, S.: Intravenous administration of histamine in treatment of migraine, 356

Camptocormia, 327

Cancer: See also Sarcoma; etc.; and under names of organs and regions metastases; syndrome of posterior inferior cerebellar artery resulting from metastatic neoplasm, 465 Capillaries: Soc also Vaccometer Section 1

neoplasm, 465
Capillaries: See also Vasomotor System in finger nail fold in patients with neurosis, epilepsy and migraine, *631
of nail fold in patients with neurocirculatory asthenia (effort syndrome, anxiety neurosis), *643

Carassius Gibelio: See Fish

Carbohydrates: See also Blood, sugar; etc. metabolism; oneirophrenia, clinicophysiologic

metabolism; oneirophrenia, clinicophysiologic syndrome, 483 relation of changes in carbohydrate metabolism and psychotic states, 735 Carbonic Anhydrase: See Enzymes Cardiazol: See Metrazol Cardiovascular System: See Arteries; Heart; Vasomotor System; etc.

Case, T. J.: Effects of antibiotic substances on central nervous system, *184 Cataphrenia: See under Mental Diseases Catatonia: See Dementia Precox Cauda Equina: See Spinal Cord Caudate Nucleus: See Corpus Striatum Causalgia: See Neuralgia Cavernous Sinus, Thrombosis: See Thrombosis Cells: See Neurons; Tissue; etc.

Cells: See Neurons; Tissue; etc. Staining: See Stains and Staining Cephalalgia: See Headache

Cephalalgia: See Headache
Cerebellum, atrophy; olivopontocerebellar
atrophy, 702
cerebellar, dyskinetic and alternating sensory syndromes caused by aneurysm in
region of pons, 463
tumors; difference in mental reaction
between children suffering from cerebral
and cerebellar tumors, 589
Cerebrospinal Fever: See Meningitis
Cerebrospinal Fluid, circulation in Carassius
gibelio, *522
effect of electric shock therapy on spinal
fluid pressure, protein and cells, 587
lymphocytosis in, 704
meningitis due to post-traumatic cerebrospinal rhinorrhea, 226
permeability of blood-spinal fluid barrier in
infants and in normal syphilitic adults,
*55

permeability of hemoencephalic barrier in massive arsenotherapy, 455 relationship of intracranial pressure and presence of blood in cerebrospinal fluid to occurrence of headaches in patients with injuries to head, 708 Cerebrum: See Brain Cevitamic Acid: See Ascorbic Acid Chapple, E. D.: Effect of anoxia as measured with electroencephalogram and interaction chronogram in psychoneurotic patients, 724

Charcot's Disease: See Sclerosis, amyotrophic lateral

Chemotherapy: See Meningitis; Neurosyphilis;

Child Guidance: See Mental Hygiene

Child Guidance: See Mental Hygiene
Children: See also Infants; etc.
Delinquent: See Delinquency
difference in mental reaction between children suffering from cerebral and cerebellar tumors, 589
drawings of 7 year old child, 115
effect of glutamic acid on mental functioning in children and adolescents, *489
electroencephalography in behavior problem
children, 224
relationship of antisocial traits to electroencephalogram in children with behavior
disorders, 589
unusual familial syndrome, 712
Chlorine; effects of iodized poppyseed oil and

Chlorine; effects of iodized poppyseed oil and iodine-chlorine in peanut oil in subarachnoid space of animals, 111

Choanae: See Nose
Choline and Choline Derivatives; effect of ingested choline on turnover of plasma phospholipids, 106
Chordotomy: See Spinal Cord

Chorea; choreform movements in dog suffer-ing from corticostriatal disease, 699 Choroid Plexus: See also Cerebrospinal Fluid epithelioma of choroid plexus of fourth ventricle, 467

Cingulum: See Corpus Callosum Cirrhosis: See Liver, cirrhosis Clavacin: See Patulin

Clinics; contracts between Veterans Adminis-tration and private mental hygiene clinics,

fellowships for training in child guidance

clinic psychiatry, 126
Cobb, S.: Capillaries of nail fold in patients
with neurocirculatory asthenia (effort syndrome, anxiety neurosis), *643
Cochlea: See Ear, internal

en, M. E.: Capillaries of nail fold in patients with neurocirculatory asthenia (effort syndrome, anxiety neurosis), *643 l, refrigeration anesthesia for amputations, 454 Cohen. Cold.

Colleges: See Universities Colliculus, Superior: See Brain
Coma: See Dementia Precox; Insulin
Communicable Diseases: See Meningitis; Syphi-

lls; etc.
Compulsion: See Dementia Precox; Neuroses
and Psychoneuroses

Conditioned Reflexes: See under Reflex Congress: See Societies Constitution, neurotic, 330 Contractures following experimentall Contractures following experimentally pro-duced lesions of peripheral nerves, 344 Contusions: See Head, injuries Convulsions: See also Epilepsy convulsive factor in commercial penicillin (following application to cerebral cortex),

698

effects of l (+) glutamic acid and other agents on experimental seizures, *20 Therapeutic: See Dementia Paralytica; Dementia Precox; Insanity; Mental Diseases warning concerning use of curare in convulsive shock treatment of patients with psychiatric disorders who may have myasthenia gravis, 473

Coon, G. P.: Clinical implications of Bellevue-Wechsler test with reference to cases of injury to brain, 714

Cornea, ulcers; modern view of neuralgia referable to Meckel's ganglion, 333

Corpus Callosum; connections of cingulum, 238

238

primary degeneration (Marchiafava-Bignami's disease), 700

primary degeneration (Marchiafava-Bignami's disease), 700
Corpus Striatum: See also Lenticular Nucleus choreiform movements in dog suffering from corticostriatal disease, 699
Correction in transcript of article by Dr. Robert Wartenberg entitled "Associated Movements in the Oculomotor and Facial Muscles" (Arch. Neurol. & Psychiat. 55: 439 [May] 1946), 129
Cramer, F. J.: Clement Buchanan Masson, 694
Surgical treatment of syringohulbia and

694
Surgical treatment of syringobulbia and syringopontia; report of 2 cases, *442
Cranioplasty: See Cranium
Cranium: See also Head; etc.
diseases; osteoporosis circumscripta cranil,

experimental observations on use of stainless steel for cranioplasty; comparison with tantalum, 594
Injuries: See Head, injuries intracranial suppuration secondary to disease of nasal septum, 228
osteogenic sarcoma of skull, 712
osteomyelitis of skull; its treatment with penicillin and repair of defect with tantalum, 340
pressure in; relationship of intracranial pressure and presence of blood in spinal

talum, 340
pressure in; relationship of intracranial
pressure and presence of blood in spinal
fluid to occurrence of headaches in patients with injuries to head, 708
tumors; electroencephalographic localization
of intracranial neoplasms, 582
Creatine and Criminals: See under Urine
Crime and Criminals: See Delinquency; Jurisprudence, Medical; etc.
Crouzon's Disease: See Bones, growth
Curare, warning concerning use in convulsive
shock treatment of patients with psychiatric disorders who may have myasthenia
gravis, 473

gravis, 473 Cushing's Syndrome, 336 without adenomatous or hyperplastic changes in pituitary body or adrenal cortices and complicated by alkalosis; report of case with necropsy, 335

Cysts: See under names of organs and regions, as Meninges; etc.

DaCosta's Syndrome: See Asthenia, neurocirculatory

Deafness: See also Ear; Hearing; etc. cortical, 468

Decerebration: See Rigidity

Defectives: See Feeblemindedness
Degeneration, Hepatolenticular:
Lenticular Nucleus Delinquency; runaway from home, 113

Delirium: See also Insanity quantitative electroencephalographic study of case of acute arsenical encephalopathy, *659

Delusions: See under Dementia Precox; etc. Dementia: See also Dementia Paralytica; Dementia Precox; Insanity; etc.
brain waves and clinical features in arterio-

scierotic and senile mental patients, 589
Dementia Paralytica: See also Neurosyphilis
juvenile, relation of trauma to; clinicopathologic and medicolegal study, 466

Dementia Precox; chronic psychoses and addiction to morphine, *665 cleidocranial dysostosis with psychosis, *401

evaluation of prognostic criteria in schizo-phrenia, 225 histopathologic study of early case of schizophrenia in which electric shock therapy had previously been employed,

therapy had previously been employed, 354
insulin, cardiazol (metrazol) and electroshock treatment in Palestine during last 5 years, 588
insulin shock treatment after 7 years, 587 new psychiatric rating scale, 729
outcome under electric shock therapy as related to mode of onset and to number of convulsions induced, 459
Demobilization: See Military Medicine
Depersonalization: See Personality
Depression: See also Insanity; Mental Diseases; Neuroses and Psychoneuroses changes in electroencephalogram and in excretion of 17-keto steroids accompanying electroshock therapy of agitated depression, 733
pattern of metabolic depression induced with pentothal sodium, *171
Desoxycorticosterone: See Adrenal Preparations

tions Dextrose: See also Blood, sugar; Carbohy-

Dextrose: See also Blood, sugar; Carbohydrates; etc.
relation of changes in carbohydrate metabolism and psychotic states, 735
Diabetes Mellitus: See also Blood, sugar head trauma causing reactivation of thyrotoxicosis, appearance of diabetes mellitus, amenorrhea and melanoderma, 587
review of 100 cases of diabetic neuropathy, 334

334

Diastematomyelia: See Spinal Cord, abnor-malities

Diencephalon: See Brain

Diencephalon: See Brain
Dimitri-Sturge-Weber Syndrome: See Angloma
Diphosphopyridine Nucleotide: See Enzymes
Diphtheria; neurologic disease following infections of throat and skin and incidence of
diphtheritic infections, *558
Diplegia: See Paralysis
Dipsomania: See Alcoholism

Dipsomania: See Alcoholism

Disease: See also Constitution; etc.
physical, psychiatric overlay in, 475
psychiatric adventure in comparative pathophysiology of Infant and adult, 457

Disk, Intervertebral: See under Spine

Drawings of 7 year old child, 115

Drugs, Addiction: See under names of drugs

Dunn, A. L.: Flexible electrode-carrying headgear for electroencephalographic examination, *686

Dyes: See Stains and Staining; etc.

Dysacousla: See Deafness

Dysacousia: See Deafness
Dysakinesia: See Movements
Dysostosis: See Bones, growth
Dyspitultarism: See Pituitary Body

Dystrophy, muscular; observations in case with reference to diagnostic significance,

Ear: See also Deafness
Internal: See also Nerves; Nystagmus; Vertigo, aural; etc.
internal; vertical nystagmus produced by peripheral labyrinthine lesions, 329
Eaton, L. M.: Warning concerning use of curare in convulsive shock treatment of patients with psychiatric disorders who may have myasthenla gravis, 473
Eccker, W. F.: Thematic apperception test; its value in routine psychiatric practice, 600

600

See under names of organs and Edema: regions

Education:

ducation; refresher course in psychiatry, University of California, 125 school of applied psychoanalysis; extension courses of New York Psychoanalytic In-stitute, 696 utilization of therapy group in teaching psychotherapy, 117 flort Syndrome: See Asthenia, neurocircu-latory

latory Electricity: See also Electrophysiology:

Electrotherapy; etc. electrical paresthesias in extremities follow caecurical parestnesias in extremities following injury to central nervous system, *417 electrical resistance of skin; effect of size of electrodes, exercise and cutaneous hydration, *544 sensation of electric shock following head injury, *30

Electrocardiogram: See under Heart

Electrocoagulation: See Gasserian Ganglion Electrodes, clip-on, for use in electroencephal-ography, *691

Electrocagulation: See Gasserian Ganglion Electrodes, clip-on, for use in electrocencephalography, *691
electrical resistance of skin; effect of size of electrodes, exercise and cutaneous hydration, *544
flexible electrode-carrying headgear for electroencephalographic examination, *686
Electrodlagnosis: See Muscles
Electroencephalogram: See Brain, electroencephalography
Electromyogram: See under Muscles
Electromyogram: See under Muscles
Electrons; electronic devices for use in modern neuropsychiatry, 484
Electrophysiology; electronic devices for use in modern neuropsychiatry, 484
Electrotherapy: See also Dementia Paralytica; Dementia Precox; Epilepsy; Hysteria; Mental Diseases; etc.
accidents in shock therapy 462
effect of electric shock therapy on spinal fluid pressure, protein and cells, 587
effect of electrical stimulation on circulation and recovery of denervated muscle, 110
effect of galvanic exercise on denervated and reinnervated muscles in rabbit, 223
effects of l (+) glutamic acid and other agents on experimental seizures, *20
electric shock therapy of elderly patients, *158
electronarcosis; clinical comparison with

*158
electronarcosis; clinical comparison with
electroshock, 460
evaluation of results of electric shock treatment of psychoneuroses, 348
is restoration of inhibited conditioned reactions by insulin coma specific for paviovian inhibitions? contribution to theory of
shock treatment, *216
neurologic and neurovegetative phenomena
occurring during and after electroshock,
458

outcome in dementia precox under cleatric shock therapy as related to mode of anset and to number of convulsions induced,

reevaluation of contraindications to electric shock therapy, 351

shock therapy, 351
therapeutic efficacy of electroconvulsive therapy, 458
Embolism: See Thrombosis
Emotions: See Anxiety; etc.
Encephalitis: See also Meningoencephalitis
choreiform movements in dog suffering from
corticostriatal disease, 699
electroencephalographic findings during and
after acute encephalitis and meningoencephalitis, 465
hemorrhagic; histopathology of polioencephalitis hemorrhagica superior (Wernicke's
disease), *609
periaxialis diffusa; leukoencephalitis associated with purulent leptomeningitis (men-

ated with purulent leptomeningitis (men-ingoleukoencephalitis), 586 tick-borne, 705

Encephalomalacia: See Brain, pathology Encephalomyelitis: See Meningoencephalomyelitis

Encephalopathy: See under Brain

Endocrine Glands: See under names of glands Endocrine Therapy: See under names of glands and hormones, as Adrenal Prepa-rations; Insulin; Thyroid

Engel, G. L.: Dellrium; quantitative electro-encephalographic study of case of acute arsenical encephalopathy, *659

Enzymes: See also under names of enzymes distribution of diphosphopyridine nucleotide in bovine retina, 223 parallelism between quantitative incidence of carbonic anhydrase and function levels of central nervous system, 698 quantitative incidence of carbonic anhydrase in central nervous system, 106 Epidermis: See Skin Epilepsy: See also Convulsions capillaries in finger nail fold in patients with neurosis, epilepsy and migraine, *631 modern concepts of convuisive state, 115 nature of transient outbursts in electroencephalogram of epileptics, 229 post-traumatic, 227 Sturge-Weber-Dimitri disease (nevoid amen-

post-traumatic, 227 Sturge-Weber-Dimitri disease (nevold amen-tia), 467 traumatic, electroencephalogram in, 582 Epithelioma of choroid plexus of fourth ven-tricle, 467

tricle, 467

Equilibrium: See Cerebellum; Nystagmus;
Posture; etc.

Etsten, B.: Pattern of metabolic depression induced with pentothal sodium, *171

Evolution; phyletic manifestations and reversions, 479

Exercise; electrical resistance of skin; effect of size of electrodes, exercise and cutaneous hydration, *544

Extrapyramidal Tract: See also Corpus Striatum; Lenticular Nucleus one component of extrapyramidal system, 348

pathology of liver in extrapyramidal dis-ease, 585

ease, 585
Extremities, Amputations: See Amputations circulation in skin of proximal parts of limbs, 110 electrical paresthesias in extremities following injury to central nervous system, *417

*417
Paralysis: See also Paralysis; Poliomyelitis
paralysis; acute myelitis; clinicopathologic
study of case, 347
Extroversion: See under Personality
Eyes: See Vision; and under special structures of eyes, i. e., Retina; etc.

Face, Paralysis: See Paralysis, facial Fainting: See Syncope

Fatigue in relation to adrenal cortex, 717 Fay, T.: Modern concepts of convulsive state, 115

Feces, distribution of poliomyelitis virus, 454 Feeblemindedness: See also Idiocy unusual familial syndrome, 712

unusual familial syndrome, 712
Feldman, F.: Electric shock therapy of elderly patients, *158
Intravenous injection of sodium amytal as test for latent anxiety, *567
Fellowships for training in child guidance clinic psychiatry, 126
Ferments: See Enzymes

Ferments: See Enzymes
Fever: See Malaria; Typhoid; etc.
Dementia Paralytica;

Fever: See Malaria; Typholo; etc.

Therapeutic: See Dementia Paralytica;
Mental Diseases; Neurosyphilis; etc.

Fibrin foam as hemostatic agent in neurosurgery, with reference to its comparison with muscle, 340

Filum Terminale: See Spinal Cord

Finesinger, J. E.: Effect of anoxia as measured with electroencephalogram and interaction chronogram in psychoneurotic patients, 724 action chronogram in psychoneurotic patients, 724 Electrical resistance of skin; effect of size

of electrodes, exercise and cutaneous hydration, *544

Fingers and Toes, circulation in denervated digits, 108 inflammation and trophic ulcers in dener-vated areas, 109

vated areas, 109 Nails: See Nails

Nails: See Nails Fischer, I.: Permeability of blood-spinal fluid barrier in infants and in normal and syphilitic adults, *55 Flatau-Schilder's Disease: See Encephalitis periaxialis diffusa

Foramen, Intervertebral: See under Spine
Forster, F. M.: Effects of denervation on
fasciculations in human muscle; relation
of fibrillations to fasciculations, *276, 598
Fractures: See under names of bones and
joints, as Humerus; Spine; etc.

Freed, H.: Narcosynthesis of civilian neu-rosis, 120
Thematic apperception test; its value in routine psychiatric practice, 600
Freeman, H.: Relation of changes in carbo-hydrate metabolism and psychotic states, 735

Resistance to insulin in mentally disturbed soldiers, *74
Freeman, Major Harry L., awarded Army Commendation Ribbon, 328
Friderichsen-Waterhouse Syndrome: See Adrenals, hemorrhage
Friedman, H.: Permeability of blood-spinal fluid barrier in infants and in normal and syphilitic adults, *55
Funiculi, Posterior: See Spinal Cord
Fusospirochetosis; pseudomembranous angina followed by partial pharyngeal paralysis, 334

Gallinek, A.: Suprasellar calcified lesion of unusual size; report of case, 476
Ganglion: See Gasserian Ganglion; Nervous System; Neurons
Sphenopalatine: See Meckel's Ganglion
Gasserian Ganglion: See also Neuralgia electrocoagulation, 592
electrocoagulation by Kirschner method, 593
Gellhorn, E.: Is restoration of inhibited conditioned reactions by insulin coma specific for pavlovian inhibitions? contribution to theory of shock treatment, *216
Genitals: See under names of genitals
Geriatrics: See Old Age
Glaser, G. H.: Electical skin resistance test in evaluation of peripheral nerve injuries; *365

*365

in evaluation of peripheral nerve injuries;

*365
Globus, J. H.: Presidential address; brain tumor; its future in light of past, 476
Globus Pallidus: See Lenticular Nucleus Glutamic Acid: See Acid, glutamic Glycosuria: See Diabetes Mellitus
Goland, P. P.: Vital staining of experimental brain abscesses, 596
Goldman, L.: Delirium; quantitative electroencephalographic study of case of acute arsenical encephalopathy, *659
Goldman, B.: Clinical implications of Bellevue-Wechsler test with reference to cases of injury to brain, 714
Goodman, L. S.: Effects of l(+) glutamic acid and other agents on experimental selzures, *20
Goodwin, C.: Electronic devices for use in modern neuropsychiatry, 484
Gottlieb, J. S.: Primary behavior disorders and psychopathic personality; correlations of electroencephalogram with family history and antecedent illness or injury, *381
Graduate Work: See Education

history and antecedent illness or injury,
*381
Graduate Work: See Education
Graf, C.: Angiomatous malformation of sylvian aqueduct with remarks on management of aqueductal obstructions, 238
Grant, F. C.: Vital staining of experimental brain abscesses, 596
Greenblatt, M.: Clinical implications of Bellevue-Wechsler test with reference to cases of injury to brain, 714
Gross, Louis, Memorial Lecture, 606
Growth, antagonism of pituitary adrenocorticotropic hormone to action of growth hormone on osseous system of hypophysectomized rats, 335
effects of adrenocorticotropic hormone on osseous system in normal rats, 335
Guilt: See Psychoanalysis
Gutmann, E.: Observations in case of muscular dystrophy, with reference to diagnostic significance, *1

Haase, E.: Neurinoma of twelfth nerve, 342
Hadden, S. B.: Utilization of therapy group
in teaching psychotherapy, 117
Hair; adrenalectomy in hypertrichosis with
mental changes, 341
Hallucinations: See Delirium
Halstead, W. C.: Power factor (P) in general intelligence; effects of lesions of
hrain 234

erai intelligence; effects of lesions of brain, 234

Handicapped: See Feeblemindedness

Hassin, G. B.: Acute myelitis; clinicopatho-logic study of case, 347

Hauptmann, A.: Capillaries in finger nail fold in patients with neurosis, epilepsy and migraine, *631

Head: See also Cranium

flexible electrode-carrying headgear for elec-troencephalographic examination, *686 injuries, accidental; prognosis in service patients, 230

injuries; compound craniocerebral injuries,

es; electrical paresthesias in extremi-following injury to central nervous tem, *417 injuries: ties following injury to central nervous system, *417 injuries; electroencephalogram in traumatic

epilepsy, 582
injuries, experimental, with reference
mechanical factors in acute trauma, 107 Injuries, factors influencing mortality in, 709 injuries; head trauma causing reactivation of thyrotoxicosis, appearance of diabetes mellitus, amenorrhea and melanoderma,

ferrous, amenorrhea and metanouerma, 587
injuries; pretraumatic personality and psychiatric sequelae of head injury; correlation of multiple, specific factors in pretraumatic personality and psychiatric reaction to head injury, based on analysis of 101 cases, *245
injuries; relation of trauma to juvenile dementia paralytica; clinicopathologic and medicolegal study, 466
injuries, relationship of intracranial pressure and presence of blood in spinal fluid to occurrence of headaches in patients with, 708
injuries; ring scotoma and tubular fields; their significance in cases of head injury,

juries; ring scotoma and tubular fields; their significance in cases of head injury,

injuries, se sensation of electric shock follow-

*300
injuries, sensation of electric shock following, *30
injuries to central nervous system, 591
Headache: See also Migraine
intravenous injection of sodium amytal as
test for latent anxiety, *567
relationship of intracranial pressure and
presence of blood in spinal fluid to occurrence of headaches in patients with injuries to head, 708
suprasellar calcified lesion of unusual size;
report of case, 476
Hearing: See Deafness
Heart: See also Blood, circulation; etc.
abnormalities; brain abscess associated with
congenital heart disease, 707
Hebephrenia: See Dementia Precox
Heine-Medin's Disease: See Poliomyelitis
Hematology: See Blood
Hematoma, gross intracerebral: report of 16
surgically treated cases, 340
Subdural: See Meninges, hemorrhage
Hematoxylin: See Stains and Staining
Hemiplegia: See Extremities, paralysis; Paralysis
Hemoencephalic Barrier, permeability in mas-

ralysis

ralysis

Hemoencephalic Barrier, permeability in massive arsenotherapy, 455
permeability of blood-spinal fluid barrier in infants and in normal and syphilitic adults, *55

Hemorthage: See also Adrenals, hemorrhage; Hemostasis; Meninges, hemorrhage; etc. amblyopia resulting from, 708
Subarachnoid: See Meninges, hemorrhage
Hemostasis, fibrin foam as hemostatic agent in neurosurgery, with reference to its comparison with muscle, 340
Heredity and brain waves in mental diseases, 589

589 Herpes ting herpes zoster ophthalmicus after treatment by vaccination, *434 z. E.: Electrical skin resistance test in evaluation of peripheral nerve injuries, *365

F.: Mesodermal tissue in nerve lesions

Hiller, F.: Mesodermal tissue in nerve lesions and repair, 239
Himwich, H. E.: Pattern of metabolic depression induced with pentothal sodium, *171
Histamine, Therapy: See Migraine
Hoagland, H.: Changes in electroencephalogram and in excretion of 17-keto steroids accompanying electroshock therapy of agitated depression, 733
Dominant brain wave frequencies as measures of physicochemical processes in cerebral cortex, *207
Fatigue in relation to adrenal cortex, 717
New psychiatric rating scale, 729
Hoen, T. I.: Electrical skin resistance test in evaluation of peripheral nerve injuries, *365

Hormones: See Adrenal Preparations; Insulin; etc.
Hospitals; results of shock therapy evaluated by estimating chances of patients remaining in hospital without such treatment, 590

Humerus, fractures; course and rate of regeneration of motor fibers following lesions of radial nerve, *133
Hunt Syndrome: See Herpes zoster
Hydrocephalus; reversibility of dilatation of cerebral ventricles, 597
Hyperhidrosis: See Sweat Glands
Hyperinsulinism: See under Insulin
Hyperkeratosis: See Keratosis
Hyperparathyroidism: See under Parathyroid
Hypertension: See Blood pressure, high
Hypertrohys: See Under names of organs and regions

regions Hypoglycemia: See Blood sugar Hypoglycemia: See Blood sugar Hypomania: See Mental Diseases Hypophysectomy: See under Pituitary Body Hypophysis: See Pituitary Body Hypothermia: See Cold Hysteria: See also Neuroses and Psychoneuroses

acute, electroconvulsive therapy, 591 studies of syncope; differentiation between vasodepressor and hysterical fainting, 465

idiocy: See also Feeblemindedness amaurotic, adult or late form, 595 Idiosyncrasy: See Anaphylaxis and Allergy Imbecility: See Feeblemindedness; Idiocy fatigue in relation to adrenal cortex, 71 Industry; fatigue in relation to adrenal cortex, 717

717

717
intervertebral disk injury; analysis from industrial standpoint, 331
Inebriety: See Alcoholism
Infantile Paralysis: See Poliomyelitis
Infants: See also Children
newborn; capillaries in fingernail fold in patients with neurosis, epilepsy and migraine, *631

patients with neurosis, epilepsy and mi-graine, *631

permeability of blood-spinal fluid barrier in infants and in normal and syphilitic adults, *55

psychiatric adventure in comparative patho-physiology of infant and adult, 457

Injections, Intravenous: See Anxiety
Subarachnoid: See Pyridoxine

Subarachnold: See Pyridoxine
Injuries: See under Head; Spine; etc.
Insanity: See also Dementia Precox; Depression; Mental Diseases
Alcoholic: See Alcoholism
bromine content of blood in mental disease; manic-depressive psychosis, *673
Instruments: See Apparatus
Insulin: See also Diabetes Mellitus
cardiazol (metrazol) and electroshock treatment in Palestine during last 5 years, 588

restoration of inhibited conditioned reac-

is restoration of inhibited conditioned reactions by insulin coma specific for pavlovian inhibitions? contribution of theory of shock treatment, *216 resistance in mentally disturbed soldiers, *74 results of shock therapy evaluated by estimating chances of patients remaining in hospital without such treatment, 590 shock treatment after 7 years, 587 Intelligence, power factor (P) in general intelligence; effects of lesions of brain, 234 Test: See Mental Tests Intervertebral Disks: See Spine Intoxication: See Alcoholism Intradural Space: See Cranium Introversion: See under Personality

Introversion: See under Personality
Indine and Iodine Compounds, effects of
iodized poppyseed oil and iodine-chlorine
in peanut oil in subarachnoid space of
animals, 111
Iron, oxidation of phospholipid catalyzed by
iron compounds with ascorbic acid, 456

Iron Hematoxylin Staining: See Stains and Staining

Japanese River Fever: See Tsutsugamushi Fever

Fever
Jensen, A. V.: Brain after intermittent exposure to simulated high altitude, 346
Histologic study of brain in experimentally
induced acidosis, *428

Johnson, H. C.: Effects of antibiotic su stances on central nervous system, *184
Penicillin therapy for spina bifida, 122
Joints: See under names of joints
Journals: See Periodicals
Jurisprudence, Medical: See also Alcoholism;

paralytica; clinicopathologic and medico-legal study, 466 relation

Kahn, R. L.: Toxicity of quinacrine (atabrine) for central nervous system; experimental study on human subjects, *284
Kalz. F.: Permeability of blood-spinal fluid barrier in infants and in normal and syphilitic adults, *55
Kaplan, L. I.: Psychiatric overlay in physical disease, 475
Lise of quantitative percents incontains.

disease, 475
Use of quantitative parasite inoculation doses in Plasmodium vivax malaria therapy, *65
Kaufman, I. C.: Changes in electroencephalogram and in excretion of 17-keto steroids accompanying electroshock therapy of agitated depression, 733
Dominant brain wave frequencies as measures of physiochemical processes in cerebral cortex, *207
New psychiatric rating scale, 729
Kedani Fever: See Tsutsugamushi Fever
Keeton, R. W.: Neurologic disturbances associated with multiple myeloma, 482
Kenny Method: See Poliomyelitis
Keratosis; dermatologic aspects of pollomyel-

Kenny Keratosis; de itis, 469 dermatologic aspects of poliomyel-

Keratosis; dermatologic aspects of pollomyelitis, 469
Keto Steroids: See Adrenals
Ketosis: See Acidosis
Kidneys; hepatorenal failure in Waterhouse-Friderichsen syndrome, 703
Kilgore, S.: Cleidocranial dysostosis with psychosis, *401
Kirschner Method: See Gasserian Ganglion
Klopp, Henry I., memorial to, 122
Knott, J. R.: Primary behavior disorders and psychopathic personality; correlations of electroencephilogram with family history and antecedent illness or injury, *381
Koenig, H.: Histologic study of brain in experimentally induced acidosis, *428
Kollros, J. J.: Effects of antibiotic substances on central nervous system, *184
Kozol, H. L.: Pretraumatic personality and psychiatric sequelae of head injury; correlation of multiple, specific factors in pretraumatic personality and psychiatric reaction to head injury, based on analysis of 101 cases, *245
Krieg, W. J. S.: Connections of cingulum, 238
Cortical areas of albino rat, 739
Kugelberg, E.: Neurologic mechanism for certain phenomena in tetany, *507
Kussmaul-Maier Disease: See Periarteritis nodosa

nodosa

Labyrinth: See Ear, internal
Lasker, G. W.: Cleidocranial dysostosis with
psychosis, *401
Lecture, ninth annual Louis Gross Memorial
Lecture, 606
Legs: See Extremities
Lenticular Nucleus; hepatolenticular degeneration (Wilson's disease): report of 1 case
with severe portal cirrhosis and splenomegaly, 583
Leontiasis ossium; osteoporosis circumscripta
cranii, 711
Leptomeninges: See Meninges
Leptomeningitis: See Meninges
Leptomeningitis: See Encephalitis
Leukoencephalitis: See Encephalitis periaxialis
diffusa; Meningoencephalitis

Leukoencephalitis: See Encephalitis periaxialis diffusa; Meningoencephalitis Leukotomy: See Brain, surgery Lhermitte's Sign: See Sensation, disorders Libido: See Psychoanalysis Lidz, T.: Toxicity of quinacrine (atabrine) for central nervous system; experimental study on human subjects, *284 Limarzi, L.: Neurologic disturbances associated with multiple myeloma, 482 Limbs: See Extremities

Limbs: See Extremities
Lindemann, E.: Effect of anoxia as measured
with electroencephalogram and interaction chronogram in psychoneurotic patients,

tiz, B.: Electric shock therapy of elderly patients, *158

Lipoids in Blood: See Blood, fats and lipoids oxidation of phospholipid catalyzed by iron compounds with ascorbic acid, 456
Lissauer's Paralysis: See Dementia Paralytica Tract: See Spinal Cord
Little, S. C.: Electrical paresthesias in extremities following injury to central nervous system, *417
Liver, cirrhosis; hepatolenticular degeneration (Wilson's disease); report of 1 case with severe portal cirrhosis and splenomegaly, 583

583
hepatorenal failure in Waterhouse-Friderichsen syndrome, 703
pathology in extrapyramidal disease, 585
Lobotomy: See Brain, surgery
Locomotion: See Movements
Low, A. A.: Group psychotherapy with private patients, 475
Luhan, J. A.: Paroxysmal attacks of uni-

patients, 475
Luhan, J. A.: Paroxysmal attacks of uni-lateral sweating associated with pontile lesion; report of case, 482
Lumbago: See Backache Lymphocytes, count; lymphocytosis in cerebro-spinal fluid, 704
Lymphocytosis: See Lymphocytes, count

McCulloch, W. S.: One component of extra-pyramidal system, 348 Oneirophrenia, clinicophysiologic syndrome,

483
McIntyre, A. R.: Flexible electrode-carrying headgear for electroencephalographic examination, *686
Macrostereognosia: See Touch Madonick, M. J.: Meningoencephalitis complicating herpes zoster ophthalmicus after treatment by vaccination, *434
Magoun, H. W.: One component of extrapyramidal system, 348
Maier-Kussmaul Disease: See Periarteritis nodosa

nodosa Malamud, W.: Changes in electroencephalo-gram and in excretion of 17-keto steroids accompanying electroshock therapy of

agitated depression, 733

New psychiatric rating scale, 729

Malaria, electroencephalographic studies during fever induced by typhoid vaccine and malaria in patients with neurosyphilis, 223

histopathologic changes in cerebral malaria and their relation to psychotic sequels,

Therapeutic: See Dementia Paralytica; Neurosyphilis; etc. toxicity of quinacrine (atabrine) for central nervous system; experimental study on human subjects, *284 type of neuritis associated with malarial fever, 334 use of quantitative parasite doses in Parasite doses in Parasite

use of quantitative parasite inoculation doses in Plasmodium vivax malaria ther-apy, *65 Malnutrition: See Vitamins: etc.

Malnutrition: See Vitamins; etc.
Mania: See Insanity; Mental Diseases; etc.
Manuel, C.: Effects of l (+) glutamic acid
and other agents on experimental seizures,
*20

Marchi Reaction: See Tissue, sections Marchiafava-Bignami's Disease: See Corpus Callosum

Callosum
Martin, R. L.: Bromine content of blood in
mental diseases; manic-depressive psychosis, *673
Marvin, T.: Bromine content of blood in
mental diseases; manic-depressive psychosis, *673
Maxwell H P. Diseasemate

Maxwell, H. P.: Diastematomyelia; report of case, 237

Mecholyl: See Choline and Choline Deriva-

Mecholy: See Survey of neuralgia referable to, 333

Medical Education: See Education

Medical Education: See Jurisprudence,

Medical

Medicine, Aviation: See Aviation and Aviators Industrial: See Industry Military: See Military Medicine

Psychosomatic: See under Mind, body and mind

Medin-Heine Disease: See Pollomyelitis Medulla Oblongata; surgical treatment of syringobulbia and syringopontia; report of 2 cases, *442

Meduna, L. J.: Oneirophrenia, clinicophysiologic syndrome, 483

Melancholia: See Depression; Insanity
Involutional: See Mental Diseases
Melanin, pigmentation; head trauma causing
reactivation of thyrotexicosis, appearance
of diabetes mellitus, amenorrhea and
melanoderma, 587

Melanoderma: See Melanin, pigmentation
Melarsen: See Arsenic and Arsenic Compounds

Melarsen: See Arsenic and Arsenic Coappounds
Ménière's Disease: See Vertigo, aural
Meninges, chronic leptomeningeal thickening
following treatment of meningitis with
sulfonamide drugs, 122
effects of iodized poppyseed oil and iodinechlorine in peanut oil in subarachnoid
space of animals, 111
hemorrhage: chronic solid subdural hem-

space of animals, 111
hemorrhage; chronic solid subdural hematoma, 231
hemorrhage; spontaneous subarachnoid hemorrhage with paraplegia following intrathecal treatment with sulfapyridine, 470
Meningitis: See also Meningococci; Meningoencephalitis
chronic lentomeningeal thickening following

chronic leptomeningeal thickening following treatment of meningitis with sulfonamide drugs, 122

drugs, 122
due to post-traumatic cerebrospinal rhinorrhea, 226
Hemorrhagic: See Meninges, hemorrhage
pneumococcic; recovery with sulfamethazine
(sulfamezathine), 705
prevention, treatment and end results of,
227
sulfadiaring and the codium account of

sulfadiazine and its sodium compound in treatment of meningococcic meningitis and meningococcemia, 336
Meningococci: See Spina Bifida
Meningococci: See also under Meningitis hepatorenal failure in Waterhouse-Friderichsen syndrome, 703
sulfadiazine and its sodium compound in treatment of meningococcic meningitis and meningococcemia, 336
Meningoencephalitis: See also Encephalitis;
Meningitis

Meningitis

Meningitis
complicating herpes zoster ophthalmicus
after treatment by vaccination, *434
electroencephalographic findings during and
after acute encephalitis and meningoencephalitis, 465
leukoencephalitis associated with purulent
leptomeningitis (meningoleukoencephalitis), 586

litis), 586
tal Deficiency: See Feeblemindedness;

litis), 586
Mental Deficiency: See Feeblemindedness; Iddocy
Mental Diseases: See also Children; Dementia Paralytica; Dementia Precox; Feeblemindedness; Insanity; Mental Hygiene; Neuroses and Psychoneuroses; Personality; Psychiatry; etc. accidents in shock therapy, 462
brain waves and heredity in, 589
effect of electric shock therapy on spinal fluid pressure, protein and cells, 587
electric shock therapy of elderly patients,
*158
mentally diseased patient as individual, 119

mentally diseased patient as individual, 119 morbidity and mortality of patients with psychosis due to cerebral arteriosclerosis, 588

psychosis due to cerebral arterioscierosis, 588
neurotic constitution, 330
psychoses occurring in soldiers during training period, 113
relation of changes in carbohydrate metabolism and psychotic states, 735
resistance to insulin in mentally disturbed soldiers, *74
results of 'shock therapy evaluated by estimating chances of patients remaining in hospital without such treatment, 590
therapeutic efficacy of electroconvulsive therapy, 458
warning concerning use of curare in convulsive shock treatment of patients with psychiatric disorders who may have myasthenia gravis, 473
lental Hygiene, contracts between Veterans

asthenia gravis, 473
Mental Hygiene, contracts between Veterans
Administration and private mental hygiene
clinics, 222
fellowships for training in child guidance
clinic psychiatry, 126
Mental Tests: See also Personality
changes in electroencephalogram and in
excretion of 17-keto steroids accompanying electroshock therapy of agitated
depression, 733

Mental Tests-Continued

Mental Tests—Continued clinical implications of Bellevue-Wechsler test with reference to cases of injury to brain, 714 effect of glutamic acid on mental functioning in children and adolescents, *489 new psychiatric rating scale, 729 power factor (P) in general intelligence; effects of lesions of brain, 234 psychometric study of sentility, 461 thematic apperception test; its value in routine psychiatric practice, 600 toxicity of quinacrine (atabrine) for central nervous system; experimental study on human subjects, *284

Merkin, M.: Effects of l (+) glutamic acid and other agents on experimental seizures, *20

Merzbacher-Pelizaeus' Disease: See Encepha-

Merzbacher-Pelizaeus' Disease: See Encepha-litis periaxialis diffusa

oderm and Mesodermal Tissue; meso-dermal tissue in nerve lesions and repair, 239 Mesoderm

Metabolism: Brain; etc See under specific headings, as

Brain; etc.

detals; experimental observations on use of
stainless steel for cranioplasty; comparison with tantalum, 594
osteomyelitis of skull; its treatment with
penicillin and repair of defect with
tantalum, 340
Poisoning: See under names of metals
cortexpl; secidents in speck thoragy, 462 Metals :

tantalum, 340
Poisoning: See under names of metals
Metrazol; accidents in shock therapy, 462
effects of l (+) glutamic acid and other
agents on experimental selzures, *20
results of shock therapy evaluated by estimating chances of patients remaining in
hospital without such treatment, 590
Therapy: See Dementia Precox: Mental Diseases; Neuroses and Psychoneuroses; etc.
Michelsen, J. J.: Diagnostic aspects of unilateral ruptured cervical disk, 721
Electromyography in differential diagnosis
of ruptured cervical disk, *651
Migraine, capillaries in finger nail fold in patients with neurosis, epilepsy and migraine,
*631

*631
intravenous administration of histamine in treatment, 356
intravenous injection of sodium amytal as test for latent anxiety, *567
migraine headache; some clinical observations on vascular mechanism and its control, 464

objective personality studies by means of Rorschach method, 459 Military Medicine: See also Aviation and Aviators; Neuroses and Psychoneuroses;

accidental head injuries; prognosis in service patients, 230

accidental head injuries; prognosis in service patients, 230 cerebral dysrhythmia and psychopathic personalities; study of 96 consecutive cases in military hospital, *677 duty problem of psychiatric casualty; rapid method of decision, 226 histopathologic changes in cerebral malaria and their relation to psychotic sequels, *79 linjuries to peripheral nervous system, 470 military aspects of narcolepsy, 466 neurologic disease following infections of throat and skin and incidence of diphtheritic infections, *558 neuropsychiatric observations on tsutsugamushi fever (scrub typhus), *42 neurotic constitution, 330

neurotic constitution, 330

personality changes characterizing transition from civilian to military life, 225 psychoses occurring in soldiers during train-

ing period, 113 psychosomatic casualties in Middle East, 461

461
war and its psychiatric problems, 457
Mind, body and mind; psychosomatic casualties
in Middle East, 461
Diseases: See Dementia Precox; Insanity;
Mental Diseases; etc.
Mixter, W. J.: Diagnostic aspects of unilateral
ruptured cervical disk, 721
Moldaver, J.: Electrical skin resistance test
in evaluation of peripheral nerve injuries,
*365

in e

Moore, M. T.: Reevaluation of contraindica-tions to electric shock therapy, 351 Morons: See Feeblemindedness

Morphine, chronic psychoses and addiction to, *665

"665
Mosquitoes: See Encephalitis; Malaria; etc.
Motoneurons: See Neurons
Mouth, intraoral splint for facial palsy, 341
Movements: See also Muscles
cerebellar, dyskinetic and alternating sensory
syndromes caused by aneurysm in region
of pons, 463
Disorders: See Chorea; Parkinsonism; etc.
Murata, M.: Effects of l (+) glutamic acid
and other agents on experimental selzures,
*20
Muscles. Atrophy: See Atrophy, muscular

Muscles, Atrophy: See Atrophy, muscular contractures following experimentally produced lesions of peripheral nerves, 344 denervated, contractility and excitability of,

denervated, contractifity and excitability of, 110

Dystrophy: See Dystrophy, muscular effect of electrical stimulation on circulation and recovery of denervated muscle, 110 effect of galvanic exercise on denervated and reinnervated muscles in rabbit, 223 effects of denervation on fasciculations in human muscles; relation of fibrillations to fasciculations, *276, 598 electromyography in differential diagnosis of ruptured cervical disk, *651 fibrin foam as hemostatic agent in neurosurgery, with reference to its comparison with muscle, 340 Paralysis: See Paralysis physiology; relative potency of some adrenal cortical steroids in muscle-work test, 329 Rigidity: See Rigidity

Iyasthenia Gravis; warning concerning use

Myasthenia Gravis; warning concerning use of curare in convulsive shock treatment of patients with psychiatric disorders who may have myasthenia gravis, 473
Myelin: See Brain; Encephalitis periaxialis diffusa; Nerves; Nervous System; etc.

Myelitis, acute; clinicopathologic study of case, 347

case, 347

Myelodysplasia: See Spina Bifida; Spinal Cord, abnormalities

Myeloma, multiple, associated with neurologic disturbances, 482

Myelomalacia: See under Spinal Cord Myelopathy: See Spinal Cord Myocardium: See Heart

Myotonia Dystrophica: See Dystrophy, muscular

is, capillaries in finger nail fold in pa-tients with neurosis, epilepsy and migraine, *631

*631 capillaries of nail fold in patients with neurocirculatory asthenia (effort syndrome, anxiety neurosis), *643 Narcoanalysis: See Anesthesia

Narcoanalysis: See Anesthesia
Narcolepsy: See Sleep
Narcosis: See Anesthesia
Narcosis: See Anesthesia
Narcotics: See under Anesthesia
Nares: See Nose
Naval Medicine: See Aviation and Aviators;
Military Medicine; etc.
Neck, injuries; electrical paresthesias in extremities following injury to central nervous system, *417 sensation of electric shock following head injury, *30
Neoplasms: See Cancer; Sarcoma
Nerves: See also Nervous System; Neuralgia;

Nerves: See also Nervous System; Neuralgia; Neuritis; Paralysis Cells: See Neurons

Neuritis; Paralysis Cells: See Neurons contractility and excitability of denervated muscle, 110 early repair of neural wounds with penicillin therapy, 590 effect of electrical stimulation on circulation and recovery of denervated muscle, 110 effect of percussion of, 581 effects of denervation on fasciculations in human muscle; relation of fibrillations to fasciculations, *276, 598 electrical skin resistance test in evaluation of peripheral nerve injuries, *365 facial, reconstruction of, 590 inflammation and trophic ulcers in denervated areas, 109 injuries to peripheral nervous system, 470 injury, 3 types of, 471 mesodermal tissue in nerve lesions and repair, 239 neurinoma of twelfth nerve, 342

neurinoma of twelfth nerve, 342

-Continued

erves—Continued
neurologic mechanism for certain phenomena
in tetany, *507
Paralysis: See Paralysis
peripheral, contractures following experimentally produced lesions of, 344
peripheral, effect of sulfonamide drugs on
experimental gunshot wounds of, 471
radial, course and rate of regeneration of
motor fibers following lesions of, *133
règeneration in rat following tubular splicing
of severed nerves, 697

of severed nerves, 697 Sciatic: See Sciatica sebaceous secretion in fibers, 110 in absence of nerve

sebaceous secretion in fibers, 110 studies in denervation, 108 sutured, return of sensation after denervation and regeneration of, 347 Trigeminal: See Neuralgia, trigeminal Tumors: See Nervous System Nervous System See also Brain; Cerebellum; Nerves; Neurons; Reflex; Spinal Cord;

amphetamine (benzedrine) sulfate on higher nervous activity compared with alcohol,

Diseases: See also Epilepsy; Mental Diseases; Neuritis; Neuroses and Psycho-

eases; Neuritis; Neuroses and Psychoneuroses; etc.
diseases; review of 100 cases of diabetic neuropathy, 334
diseases, subarachnoid administration of pyridoxine hydrochloride in, 339
effects of antibiotic substances on central nervous system, *184
electrical paresthesias in extremities following injury to central nervous system, *417
injuries to central nervous system, *417
injuries to central nervous system, *591
iron-alum-hematoxylin staining method for myelinated fibers, 105
neurologic and neurovegetative phenomena occurring during and after electroshock, 458
neurologic disease following infactions.

405
neurologic disease following infections of throat and skin and incidence of diphtheritic infections, *558

theritic infections, *558
neurologic disturbances associated with
multiple myeloma, 482
neuropsychiatric observations on tsutsugamushi fever (scrub typhus), *42
parallelism between quantitative incidence
of carbonic anhydrase and functional
levels of central nervous system, 698
quantitative incidence of carbonic anhydrase
in central nervous system, 106
studies on developmental pathology; disintegration in nervous system of normal
and maldeveloped embryos, 586
Surgery; See Brain, surgery
Syphilis: See Neurosyphilis
toxicity of quinacrine (atabrine) for central
nervous system; experimental study on
human subjects, *284
ervousness: See Neuroses and Psychoneuroses

Nervousness: neuroses

neuroses
Neuralgia referable to Meckel's ganglion;
modern view, 333
trigeminal; electrocoagulation of gasserian
ganglion, 592
trigeminal; electrocoagulation of gasserian
ganglion by Kirschner method, 593
Neuraxis: See Nervous System
Neurinoma of twelfth nerve, 342
Neuritia Solation

Neurinoma of twelfth nerve, 342
Neuritis, Sciatic: See Sciatica
type associated with malarial fever, 334
Neurohypophysis: See Pituitary Body
Neurology: See also Nerves; Nervous System:
Neuropsychiatry; Neuroses and Psychoneuroses; etc.
American Board of Psychiatry and Neurology, Inc., 124, 328, 606
Neurons, histologic study of brain in experimentally induced acidosis, *428
histopathology of poiloencephalitis hemorrhagica superior (Wernicke's disease),
*609
intracentral and peripheral factors in differ-

intracentral and peripheral factors in differ-entiation of motor neurons in transplanted lumbosacral spinal cords of chick embryos,

mechanism of axonal vasodilation, 109
parallelism between quantitative incidence
of carbonic anhydrase and functional
levels of central nervous system, 698
Neuropsychiatry: See also Military Medicine;
Neurology; Psychiatry; War; etc.
electronic devices for use in modern neuropsychiatry, 484

Neuropsychiatry—Continued
Neuropsychiatric Institute at Medical College
of Alabama, 222
observations on teutsugamushi fever (scrub
typhus), *42
Neuroses and Psychoneuroses: See also Mental
Diseases; Nervous System, diseases; etc.
adrenalectomy in hypertrichosis with mental
changes, 341
capillaries in finger nail fold in patients
with neurosis, epilepsy and migraine, *631
chronic psychoses and addiction to morphine,
665

665
clinical and electroencephalographic studies in obsessive-compulsive states, 113
duty problem of psychiatric casualty; rapid method of decision, 226
effect of anoxia as measured with electroencephalogram and interaction chronogram in psychoneurotic patients, 724
evaluation of results of electric shock treatment of psychoneuroses, 348
fatigue in relation to adrenal cortex, 717
group psychotherapy with private patients, 475
histonathologic changes in cerebral malaria

histopathologic changes in cerebral malaria and their relation to psychotic sequels, *79

narcosynthesis of civilian neurosis, 120
pretraumatic personality and psychiatric
sequelae of head injury; correlation of
multiple, specific factors in pretraumatic
personality and psychiatric reaction to
head injury, based on analysis of 101
cases, *245
studies of syncope; differentiation between
vasodepressor and hysterical fainting, 456
studies on physiology of flight; effect of
anoxia on electroencephalogram of psychoneurotic and normal adults, 725
toxicity of quinacrine (atabrine) for central
nervous system; experimental study on
human subjects, *224
war neuroses; psychiatric experiences and
management on Pacific island, 460
Neurosurgery: See Brain, surgery
Neurosyphilis: See also Dementia Paralytica
electroencephalographic studies during fever
induced by typhoid vaccine and malaria
in patients with, 223
penicillin treatment of, 591
permeability of blood-spinal fluid barrier in
infants and in normal and syphilitic
adults, *55
permeability of hemoencephalic barrier in
massive arsenotherapy, 455 narcosynthesis of civilian neurosis, 120

infants and in normal and syphilitic adults, *55 permeability of hemoencephalic barrier in massive arsenotherapy, 455 use of quantitative parasite inoculation doses in Plasmodium vivax malaria therapy, *65 Newborn Infants: See Infants, newborn Nicotinic Acid: See Vertigo, aural Nissi Granules: See Neurons Nixon, D. L.: Clip-on electrode for use in electroencephalography, *651 Nomenclature; camptocormia, 327 Nose, discharge; meningitis due to post-traumatic cerebrospinal rhinorrhea, 226 intracranial suppuration secondary to disease of nasal septum, 228 Noyes, A. P.: Memorial to Dr. Henry I. Klopp, 122 Nobes and Septems, See under Spine

122 Nucleus Pulposus: See under Spine Nutrition: See Dystrophy; Vitamins Nystagamus: See also Cerebellum; Ear. vertical, produced by peripheral labyrinthine lesions, 329

Obituaries:

Dandy, Walter Edward, 127 Haškovec, Ladislav, 129 Klopp, Henry I., memorial to, 1: Masson, Clement Buchanan, 694

Obsessions: See Dementia Precox; Neuroses and Psychoneuroses

occupations: See Industry
Oedipus Complex: See Psychoanalysis
Oil, Iodized: See Iodine and Iodine Com-

pounds Old Age; brain waves and clinical features in arteriosclerotic and senile mental patients, electric shock therapy of elderly patients,

psychometric study of senility, 461 speech in senility, 225

O'Leary, J. L.: Cerebral dysrhythmia and psychopathic personalities; study of 96 consecutive cases in military hospital, *677

Oligophrenia: See Feeblemindedness; Idiocy Ommatidia, effect of reduction in numbers of ommatidia on brain of Drosophila melano-gaster, 105 Oneirophrenia; clinicophysiologic syndrome, 483

Ontogeny: See Psychoanalysis
Osteogenesis: See Bones, growth
Osteomyelitis of skull; its treatment with penicillin and repair of defect with tantalum,
340

Osteoporosis: See Cranium, diseases

Osteoporosis: See Cranium, diseases
Oxygen, deficiency; adaptation to anoxia at
different age levels, 455
deficiency; studies on physiology of flight;
effect of anoxia on electroencephalogram
of psychoneurotic and normal adults, 725
effect of anoxia as measured with electroencephalogram and interaction chronogram in psychoneurotic patients, 724

Pain: See also Sensation clinical characters of, 456 intravenous injection of sodium amytal as test for latent anxiety, *567 Palate, mechanism of velopharyngeal closure, 701

See Paralysis

Palsy: See Paralysis
Paralysis: See also Extremities, paralysis;
Pollomyelitis
Bell's: See Paralysis, facial
Erb's: See Paralysis, spinal
facial, intraoral splint for, 341
General: See Dementia Paralytica
Infantile: See Pollomyelitis
Periodic: See Extremities, paralysis
Pharyngeal: See Pharynx
spinal; delayed paraplegia following fractures of vertebrae, 232
spinal; spontaneous subarachnoid hemorrhage with paraplegia following intrathecal treatment with sulfapyridine, 470
Paranoia: See Dementia Precox
Paraplegia: See Extremities, paralysis;

Paraplegia: See Extremities, Paralysis, spinal

Parathyroid; osteoporosis circumscripta eranii,

711
Paresis: See Dementia Paralytica
Parletal Lobe: See Brain
Parkinsonism: See also Encephalitis
"vibration sense" as differential diagnostic
sign in doubtful cases of parkinsonian
syndrome, 708
Parotid Gland; reconstruction of facial nerve.

590

Patulin; effect of clavacin on central nervous system, *195 Pelizaeus-Merzbacher Disease: See Encepha-litis periaxialis diffusa

Penicillin, convulsive factor in commercial penicillin (following application to cerebral cortex), 698 effect on central nervous system, *184 Therapy: See Nerves; Neurosyphilis; Osteomyellits; Spina Bifida; etc.

Pentothal: See Anesthesia
Perception: See also Sensation; etc.
abnormal delay of visual perception, *198
ring scotoma and tubular fleids; their significance in cases of head injury, *300
Perlarteritis nodosa with decrebrate rigidity

and extensive encephalomalacia in 5 year old child, 112
Perimetry: See Vision
Perret, G.: Cerebral thromboangiitis obliterans, 343
Perrynan C. B.: Berrynan C.

erans, 343

Perryman, C. R.: Reversibility of dilatation of cerebral ventricles, 597

Personality, cerebral dysrhythmia and psychopathic personalities; study of 96 consecutive cases in military hospital, *677 changes characterizing transition from civilian to military life, 225 objective personality studies in migraine by means of Rorschach method, 459 pretraumatic, and psychiatric sequelae of head injury; correlation of multiple, specific factors in pretraumatic personality and psychiatric reaction to head injury, based on analysis of 101 cases, *245

Personality—Continued
primary behavior disorders and psychopathic
personality; correlations of electroencephalogram with family history and antecedent illness or injury, *381
Rorschach performance with neurocirculatory asthenia, 459
thematic apperception test; its value in
routine psychiatric practice, 600
Perspiration: See Sweat; Sweat Glands
Pfeffer, A. Z.: Chronic psychoses and addiction to morphine, *665
Pharynx, mechanism of velopharyngeal closure,
701
paralysis; pseudomembranous angina fol-

paralysis; pseudomembranous angina fol-lowed by partial pharyngeal paralysis,

Phobias: See Neuroses and Psychoneuroses Phonation: See Speech Phospholipids: See Blood, fats and lipoids;

Lipoids
Physiology; psychiatric adventure in comparative pathophysiology of infant and adult,

Picrotoxin: See Arsenic and Arsenic Compounds

pounds
Pigmentation: See Melanin
Pincus, G.: Changes in electroencephalogram
and in excretion of 17-keto steroids
accompanying electroshock therapy of
agitated depression, 733
Fatigue in relation to adrenal cortex, 717
Pituitary Body: See also Sella Turcica
antagonism of pituitary adrenocorticotropic
hormone to action of growth hormone on
osseous system of hypophysectomized rats,
335

Plasma: See Blood
Plasmodium Vivax: See Malaria
Plexus: See Choroid Plexus; etc.
Pneumococci, pneumococcal meningitis; recovery with sulfamethazine (sulfamezathine), 705
Poisons and Poisoning: See under names of various substances, as Thiocyanates; etc.
Polioencephalitis: See Encephalitis
Poliomyelitis and recent tonsillectomy, 468
dermatologic aspects of, 469
Heine-Medin disease in adult, 469
of pseudomyopathic form, 232
results of modern methods of treatment,

second attack after 13 years, 232 virus, distribution of, 454 Polyarteritis: See Periarteritis Pons Varolii; olivopontocerebellar atrophy,

paroxysmal attacks of unilateral sweating associated with pontile lesion; report of case, 482 Port Wine Birthmark: See Angioma Position: See Posture

Posture, suprasellar calcified lesion of unusual size; report of case, 476
Potassium Thiocyanate: See Thiocyanates
Power Factor: See Mental Tests

Psychiatry: See also Insanity; Jurisprudence, Medical; Mental Diseases; Neuropsychi-atry; Psychoanalysis; Psychotherapy;

Medical; Mental Disease, atry; Psychotherapy; War; etc.
American Board of Psychiatry and Neurology, Inc., 124, 328, 606 and public, 602 fellowships for training in child guidance clinic psychiatry, 126 refresher course, University of California, 125

research positions created, 606 psychiatric overlay in phys physical disease, 475 war and its psychiatric problems, 457

war and its psychiatric problems, 457
Psychoanalysis: See also Psychotherapy
drawings of 7 year old child, 115
phyletic manifestations and reversions, 479
runaway from home, 113
school of applied psychoanalysis; extension
courses of New York Psychoanalytic Institute, 696
Psychobiology: See Mind, body and mind
Psychology: See Mental Tests; Personality;
War; etc.

Psychoneuroses: See Neuroses and Psycho-

neuroses
Psychoses: See Insanity; Mental Diseases;
Neuroses and Psychoneuroses; etc. Psychosurgery: See Brain, surgery

Psychotherapy: See also Psychoanalysis group therapy in extramural clinic, 235 group, with private patients, 475 narcosynthesis of civilian neurosis, 120 utilization of therapy group in teaching,

117
Puberty: See Adolescence
Public Relations; psychiatry and public, 602
Pulfrich Effect: See Vision
Putnam, T. J.: Effect of glutamic acid on
mental functioning in children and
adolescents, *489
Pyridoxine hydrochloride; subarachnoid administration in diseases of nervous system,
339

Quinacrine: See Acridine Dyes

Radioactivity; effect of ingested cholin turnover of plasma phospholipids, 14 Rats; cortical areas of albino rat, 739 Read, H. S.: Use of quantitative par inoculation doses in Plasmodium malaria therapy, *65 Recruits: See Military Medicine Reflex, amphetamine (benzedrine) sulfat higher nervous activity compared alcohol, 338 demonstrations of viscoral medicines. choline

parasite

SS

8

S S

S

sulfate

atconol, 338
demonstrations of visceral pain by determination of skin potentials, 697
is restoration of inhibited conditioned reactions by insulin coma specific for paviovian

inhibitions? contribution to theory of shock treatment, *216
Refrigeration: See Cold
Rehabilitation: See Hospitals; Military Medicine; Neuroses and Psychoneuroses; etc.
Reider, N.: Phenomena of sensory suppression, 481
Sensation of electric shock following head injury, *30
Research positions

sensation of electric shock following head injury, *30
Research positions created, 606
Respiratory Tract: See Nose; Pharynx; etc.
Retina, bovine, distribution of diphosphopyridine nucleotide in, 223
projection on superior colliculus of cats,

699

Rhines, R.: One component of extrapyramidal system, 348
Rhinorrhea: See Nose, discharge Rickettsia: See Tsutsugamushi Disease Rigidity: periarteritis nodosa with decerebrate rigidity and extensive encephalomalacia in 5 year old child, 112
van Rijssel, T. G.: Circulation of cerebrospinal fluid in Carassius gibelio, *522
Ripley, H. S.: Neuropsychiatric observations on tsutsugamushi fever (scrub typhus), *42
Robinson, M. H.: Evaluation of results of

inson, M. H.: Evaluation of results of electric shock treatment of psychoneuroses, 348 Robinson.

348
Roentgen Rays, Therapy: See under names of organs, regions and diseases
Romano, J.: Delirium; quantitative electroencephalographic study of case of acute arsenical encephalopathy, *659
Rorschach Test: See Mental Tests; Personality Ruble, D. C.: Chronic psychoses and addiction to morphine, *665
Rubrospinal Tract: See Extrapyramidal Tract Ryan, J. J.: Cerebral dysrhythmia and psychopathic personalities; study of 96 consecutive cases in military hospital, *677

Sachs, E.: Abnormal delay of visual perception, *198
Sachs-Tay's Disease: See Idlocy, amaurotic Sarcoma: See also Cancer; etc. osteogenic, of skull, 712
Schenker, A.: Permeability of blood-spinal fluid barrier in infants and in normal and syphilitic adults, *55
Schilder-Flatau's Disease: See Encephalitis periaxialis diffusa
Schizophrenia: See Dementia Precox

Schizophrenia: See Dementia Precox
Sciatica, present status of surgical treatment
of sciatic and lumbosciatic pain due to
lesions of intervertebral disks, 332
Scientific Exhibit, Atlantic City Session of
American Medical Association, 696
Sclerosis: See also Arteriosclerosis
amyotrophic lateral; syndrome caused by
cervical "hourglass" tumor," 469
Scotoma; ring scotoma and tubular fields;
their significance in cases of head injury,
*300 Schizophrenia: See Dementia Precox

Scott, M.: Experimental observations on use of stainless steel for cranioplasty; comparison with tantalum, 594
Scrub Typhus: See Tsutsugamushi Fever Sebaceous Glands; sebaceous secretion in absence of nerve fibers, 110
Sella Turcica: See also Pituitary Body suprasellar calcified lesion of unusual size; report of case, 476
Semicircular Canals: See Ear, internal Senility: See Old Age
Sensation: See also Pain; Touch; Vibration; etc.

etc.
disorders; electrical paresthesias in extremities following injury to central nervous system, *417 of electric shock following head injury, *30 phenomena of sensory suppression, 481 return after denervation and regeneration of sutured nerves, 347
Septum, Nasal: See Nose
Serum Sickness: See Anaphylaxis and Allergy Shenkin, H. A.: Reversibility of dilatation of cerebral ventricles, 597
Sherman, I. C.: Contractures following experimentally produced lesions of peripheral nerves, 344

Sherman, 1.

perlmentally produced according to the permentally produced according to the permental procons. See Herpes zoster

Shock, Electric: See Dementia Precox; Electricity; Electrotherapy; Epilepsy; Insanity; Mental Diseases; etc.

Simon, B.: Cerebral dysrhythmia and psychopathic personalities; study of 96 consecutive cases in military hospital, *677

Sinus, Thrombosis: See Thrombosis

Skeleton: See Bones

Skin: See also Sensation

circulation in skin of proximal parts of timbs, 110

circulation in skin of proximal parts of limbs, 110 electrical resistance of; effect of size of electrodes, exercise and cutaneous hydration, *544 electrical skin resistance test in evaluation of peripheral nerve injuries, *365 neurologic disease following infections of throat and skin and incidence of diphtheritic infections, *558 Skull: See Cranium Sleeping Sickness: See Encephalitis Sloan, L. H.: Neurologic disturbances associated with multiple myeloma, 482 Sloviter, H. A.: Vital staining of experimental brain abscesses, 596 Smallpox; meningoencephalitis complicating herpes zoster ophthalmicus after treatment by vaccination, *434 Societies, American Psychlatric Association, 222

222
American Society for Research in Psychosomatic Problems, Inc., 328
Association for Research in Nervous and Mental Disease, 606
North Pacific Society of Neurology and Psychiatry, 696
Pennsylvania Psychiatric Society, 697
Couthern Psychiatric Association, 222

Southern Psychiatric Association, 222

SOCIETY TRANSACTIONS:

Boston Society of Psychiatry and Neurology,

Chicago Neurological Society, 122, 237, 342, 482, 737

482, 737

Illinois Psychiatric Society, 234, 473

New York Neurological Society and New York Academy of Medicine, Section of Medicine and Section of Neurology and Psychiatry, 356

New York Neurological Society and New York Academy of Medicine, Section of Neurology and Psychiatry, 476

Philadelphia Neurological Society, 594

Philadelphia Psychiatric Society, 115, 348, 600

Sodium Amytal: See Anxiety Soldiers: See Military Medicine; Neuroses and Psychoneuroses; etc.

Somnolence: See Sleep Spasm: See Chorea; Convulsions; Epilepsy; etc.

Speech in senility, 225

Spina Bifida, penicillin therapy for, 122 Spinal Cord: See also Meninges; Nervous System; etc. abnormalities; diastematomyelia; report of case, 237

case, 237 Inflammation: See Myelitis

Spinal Cord—Continued intracentral and peripheral factors in differentiation of motor neurons in transplanted lumbosacral spinal cords of chick embryos, 107

meurologic disturbances associated with multiple myeloma, 482 syndrome of amyotrophic lateral sclerosis caused by cervical "hourglass tumor,"

469 Spinal Fluid: See Cerebrospinal Fluid

Spine, anatomic and physiologic considerations prerequisite to diagnosis of back trauma, 710

cervical disk prolapse, 233 compound injuries; report of 2 cases, 737 diagnostic aspects of unilateral ruptured cervical disk, 721

differential diagnosis of traumatic lesions of,

electromyography in differential diagnosis of ruptured cervical disk, *651 fractures; delayed paraplegia following fractures of vertebrae, 232 injuries, new aspects of, 337 intervertebral disk injury; analysis from industrial standpoint, 331 lesions of cervical intervertebral disk, 332 present status of surgical treatment of sciatic and lumbosciatic pain due to lesions of intervertebral disks, 332 Splenomegaly; hepatolenticular degeneration (Wilson's disease); report of 1 case with severe portal cirrhosis and splenomegaly, 583

583
Splint, intraoral, for facial palsy, 341
Sprague, G. S.: Mentally diseased patient as individual, 119
Stains and Staining; iron-alum-hematoxylin staining method for myelinated fibers, 105
Marchi reaction; its use on frozen sections and its time limit, 106
vital staining of experimental brain

tal staining abscesses, 596

Status Epilepticus: See under Epilepsy Steel: See Metals Stern, E. M.: Psychiatry and public, 602 Stools: See Feces

Streptococci; thrombosis of cavernous sinus with hemolytic streptococcic bacteremia 337

Streptomycin, effect on nervous system, *190

Streptomycin, effect on nervous system, *190
Streptothricin, effect on central nervous system, *192
sturge-Weber Disease: See Angioma; Epilepsy Subarachnoid Space: See Meninges
Subdural Spaces: See Meninges
Sugars: See Carbohydrates; etc.
In Blood: See Blood sugar
Sulfadiazine: See Meningitis
Sulfamethazine: See Meningitis
Sulfapyridine: See Sulfonamides
Sulfonamides, spontaneous subarachnoid hemorrhage with paraplegia following intrathecal treatment with sulfapyridine, 470
Therapy: See Meningitis; Nerves; etc.
Sunderland. S.: Course and rate of regeneration of motor fibers following lesions of radial nerve, *133
Suprarenals: See Adrenals
Surgery: See under organs and regions, as

Suprarenals: See Adrenals
Surgery: See under organs and regions, as Brain, surgery; etc.
Susselman, S.: Electric shock therapy of elderly patients, *158
Intravenous injection of sodium amytal as test for latent anxiety, *567
Sweat, electrical resistance of skin; effect of size of electrodes, exercise and cutaneous hydration, *544
Sweat Glands, paroxysmal attacks of unlateral sweating associated with pontile lesion; report of case, 482
Swinyard, E. A.: Effects of I(+) glutamic acid and other agents on experimental seizures, *20
Syncope, studies of; differentiation between

Syncope, studies of; differentiation between vasodepressor and hysterical fainting, 456 Syphilis: See Neurosyphilis; and under names

Syphilis: See Neurosyphilis; and under names of organs and regions permeability of hemoencephalic barrier in massive arsenotherapy, 455
Syringobulbia: See under Medulla Oblongata Syringopontia; surgical treatment of syringobulbia and syringopontia; report of 2 cases, *442

Tantalum: See Metals
Tay-Sachs' Disease: See Idiocy, amaurotic
Temperature: See Cold
Temperature Sense; return of sensation after
denervation and regeneration of sutured
nerves, 347
Tetany neurologic mechanism for certain

nerves, 347
Tetany, neurologic mechanism for certain phenomena in, *507
Teuber, H. L.: Ring scotoma and tubular fields; their significance in cases of head injury, *300
Thalamus, diseases; macrostereognosia, 709
Thematic Apperception Test: See Mental

Thamatic Tests

Tests
Thiocyanates; fatal poisoning from potassium thiocyanate used in treatment of hypertension, 700
Thomas, W. A.: Intravenous administration of histamine in treatment of migraine, 356
Throat: See also Pharynx; etc.
neurologic disease following infections of throat and skin and incidence of diphtheritic infections, *558
Thromboarditis, obliterans, cerebral, 343

ritic infections, *558
Thromboanglitis obliterans, cerebral, 343
Thrombosis of cavernous sinus with hemolytic streptococcic bacteremia, 337
Thyrold: See also Parathyroid

streptococic bacteremia, 351
Thyroid: See also Parathyroid
head trauma causing reactivation of thyrotoxicosis, appearance of diabetes mellitus,
amenorrhea and melanodermia, 587
Thyrotoxicosis: See under Thyroid
Tic Douloureux: See Neuralgia
Ticks: See Encephalitis
Tinsley, M.: Compound spinal injuries; report
of 2 cases, 737
Tissue, respiration; oxidation of phospholipid
catalyzed by iron compounds with ascorbic acid, 456
sections; Marchi reaction; its use on frozen
sections and its time limit, 106
Staining: See Stains and Staining
Toes: See Fingers and Toes
Toman, J. E. P.: Effects of l(+) glutamic
acid and other agents on experimental
seizures, *20
Tonsillectomy, recent, and poliomyelitis, 468

Tonsilectomy, recent, and poliomyelitis, 468
Touch; macrosterognosia, 709
return of sensation after denervation and
regeneration of sutured nerves, 347
Toxicomania: See under Morphine; etc.

Tractus Solitarius: See Medulla Oblongata Transference: See Psychoanalysis Transplantation: See Nerves

Trauma: See also under Cranium; Extremities; Head; Spinal Cord; Spine; etc. course and rate of regeneration of motor fibers following lesions of radial nerve.

Tremor: See Parkinsonism
Triplegia: See Paralysis, spinal
Trousseau Phenomenon; neurologic mechanism for certain phenomena in tetany, *507 Tsutsugamushi Disease, neuropsychiatric ob-servations on scrub typhus, *42

Tuberculosis: See under names of organs, regions and diseases

Tumors: See Angioma; Epithelioma; Myeloma; Neurinoma; Sarcoma; and under names of organs and regions, as Brain; Crani-

or organs and regions, as Brain, Claim-um; Spinal Cord; etc.

Typhoid; electroencephalographic studies dur-ing fever induced by typhoid vaccine and malaria in patients with neurosyphilis,

Ulcers; inflammation and trophic ulcers in denervated areas, 109

Unconscious: See Psychoanalysis

Universities, Neuropsychiatric Institute Medical College of Alabama, 222

Medical College of Alabama, 222
Urine, changes in electroencephalogram and in
excretion of 17-keto steroids accompanying electroshock therapy of agitated depression, 733
creatine and creatinine excretion of normal
adult males, 330
fatigue in relation to adrenal cortex, 717

Vaccination: See Smallpox Variola: See Smallpox

Vasomotor System: See also Arteries; Capillaries; Nervous System; etc.

Ménière's syndrome; results of treatment with nicotinic acid in vasoconstrictor group, 228

Vasomotor System—Continued migraine headache; some clinical observa-tions on vascular mechanism and its con-trol, 464

tions on vascular mechanism and its control, 464

Veins: See Thrombosis; Vasomotor System Pressure in: See Blood pressure
Velum Palatinum: See Palate
Venereal Diseases: See Neurosyphilis; Syphilis; etc.
Vertebrae: See Spine
Vertigo, Aural; Ménière's syndrome; present status of diagnosis and management, 333
Ménière's syndrome; results of treatment with nicotinic acid in vasoconstrictor group, 228
Vestibular Apparatus: See Ear
Nuclei: See Medulla Oblongata
Veterans Administration; contracts between Veterans Administration; contracts between tal hygiene clinics, 222
Vibration, "vibration sense" as differential diagnostic sign in doubtful cases of parkinsonian syndrome, 708
Viruses: See Poliomyelitis
Viscera, pain; demonstrations by determination of skin potentials 607

Viruses: See Poliomyelitis
Viscera, pain; demonstrations by determination of skin potentials, 697
Vision: See also Blindness
abnormal delay of visual perception (Pulfrich effect), *198
ring scotoma and tubular fields; their significance in cases of head injury, *300
scope and limitations of visual and automatic analysis of electroencephalogram, 583

Vitamins: See also Ascorbic Acid; Pyridoxine
A; dermatologic aspects of poliomyelitis,

C: See Ascorbic Acid

Walker, A. E.: Effects of antibiotic substances on central nervous system, *184
Penicillin therapy for spina bifida, 122
War: See also Aviation and Aviators; Military Medicine; etc.
and its psychiatric problems, 457
early repair of neural wounds with penicillin therapy, 590
neuroses; psychiatric experiences and management on Pacific island, 460
Wartenberg, R.: Camptocormia, 327
Waterhouse-Friderichsen Syndrome: See Adrenals, hemorrhage

renals, hemorrhage
Watkins, A. L.: Electromyography in differential diagnosis of ruptured cervical disk,
*651

Weber-Sturge Syndrome: See Angloma; Epilepsy

Wechsler-Bellevue Test: See Mental Tests Wernicke's Disease: See Encephalitis, hemor-Whitehorn, J. C.: Walter Edward Dandy, 127

Wikoff, H. L.: Bromine content of blood in mental diseases; manic-depressive psy-chosis, *673 Wilson's Disease: See Lenticular Nucleus

Wilson's Disease: See Lenticular Nucleus
Windle, W. F.: Brain after intermittent exposure to simulated high altitude, 346
Histologic study of brain in experimentally
induced acidosis, *428
Winkelman, N. W.: Adult or late form of
amaurotic idiocy, 595
Histopathologic study of early case of schizophrenia in which electric shock therapy
had previously been employed, 354
Winn, J. A.: Ladislav Hauskovec, 129
Work: See also Muscles, physiology

Work: See also Muscles, physiology fatigue in relation to adrenal cortex, 717

Wounds: See also Military Medicine; Naval Medicine; War course and rate of regeneration of motor fibers following lesions of radial nerve. fibera *133

Wright, K. W.: Group therapy in extramural clinic, 235

York, G. E.: Pattern of metabolic depression induced with pentothal sodium, *171

arenke, R. N.: Relation of changes in carbohydrate metabolism and psychotic states, 735 Zabarenko.

merman, F. T.: Effect of glutamic acld on mental functioning in children and in adolescents, *489 Zimmerman,

Zona: See Herpes zoster

